DRIVE ACADEMY®

MOVIGEAR® - Operation, Start-up & Troubleshooting

Training Description

The MOVIGEAR Mechatronic drive system is comprised of a gearbox, synchronous motor & frequency inverter within a hygienic, enclosed housing. The efficient design of the system allows for an IE4 energy efficiency rating, making it an ideal choice for systems that require high efficiency in order to reduce energy costs.

The aim of this course is to acquire the necessary knowledge to start-up, commission, parameterize, program and troubleshoot the MOVIGEAR mechatronic drive system with confidence. All external control devices usually combined with MOVIGEAR will also be looked at.

The software package MOVITOOLS MotionStudio will be used to perform the majority of tasks, including the configuration of the CCU application modules used with the MOVIFIT FDC.

Target Group

- Electricians, Engineers & Project Managers

Seminar Objectives

- Identify the different variants & key technical data of MOVIGEAR
- Understand the different possibilities of control technology to control different MOVIGEAR variants
- Understand the wiring of MOVIGEAR variants & system components
- Understanding of the requirements in operating different MOVIGEAR variants under different application requirements

Contents

- Technical features and data of the MOVIGEAR mechatronic system
- Technical features and data of external controllers for MOVIGEAR including fieldbus gateways and MOVIFIT FDC SNI
- Wiring of MOVIGEAR and system components
- Practical operation of of MOVIGEAR DBC, MOVIGEAR DAC with AS-interface master, MOVIGEAR DSC with fieldbus gateway, MOVIGEAR SNI & MOVIGEAR DSC with MOVIFIT FDC & CCU application modules

Requirements

- Electrical engineering basics or qualification as electrician

Methods

- Educational dialogs & practical exercises

SEW EURODRIVE

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Training Description

Location

- SEW

Duration

- 1 day